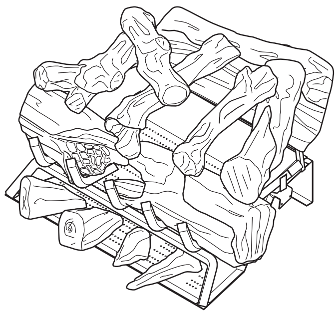
Comfort Glow®

VENTED DECORATIVE NATURAL GAS LOGS
OWNER'S OPERATION AND INSTALLATION MANUAL

RGA 2-72

APPROVED

We recommend that our products be installed and serviced by professionals who are certified in the U.S. by NFI (National Fireplace Institute).
www.nficertified.org



TESTED AND LISTED BY

RADCO • CERTIFICATION • LISTING • TESTING • INSPECTION ®

SYCAMORE SPLIT
MODELS SMS18 AND SMS24

WARNING: If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

— **Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.**

— **WHAT TO DO IF YOU SMELL GAS**
- **Do not try to light any appliance.**
- **Do not touch any electrical switch; do not use any phone in your building.**
- **Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**

— **Installation and service must be performed by a qualified installer, service agency or the gas supplier.**

Save this manual for future reference.
For more information, visit www.desatech.com

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual for correct installation and operational procedures. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

WARNING: This appliance is for installation only in a solid-fuel burning masonry or UL127 factory-built fireplace, constructed of noncombustible material and connected to a working flue. (See page 5 for minimum flue opening.

WARNING: This is a decorative gas appliance. It uses air (oxygen) from the room in which it is installed. Provisions for adequate combustion and ventilation air must be provided. Refer to the *National Fuel Gas Codes, ANSI Z233.1/NFPA 54, Section 5.3, Air for Combustion and Ventilation.*

This appliance may be installed in an aftermarket,* permanently located, manufactured (mobile) home, where not prohibited by local codes.

This appliance is only for use with the type of gas indicated on the rating plate.

*** Aftermarket: Completion of sale, not for purpose of resale, from the manufacturer**

State of Massachusetts: The installation must be made by a licensed plumber or gas fitter in the Commonwealth of Massachusetts.

TABLE OF CONTENTS

SAFETY INFORMATION

⚠ WARNING: This product contains and/or generates chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

⚠ WARNING: Keep flue open when operating unit.

IMPORTANT: Read this owner's manual carefully and completely before trying to assemble, operate or service this log set. Improper use of this log set can cause serious injury or death from burns, fire, explosion, electrical shock and carbon monoxide poisoning.

⚠ DANGER: Carbon monoxide poisoning may lead to death!

Carbon Monoxide Poisoning: Early signs of carbon monoxide poisoning resemble the flu, with headaches, dizziness or nausea. If you have these signs, the log set may not be working properly. **Get fresh air at once!** Have log set serviced. Some people are more affected by carbon monoxide than others. These include pregnant women, people with heart or lung disease or anemia, those under the influence of alcohol and those at high altitudes.

Natural Gas: Natural gas is odorless. An odor-making agent is added to the gas. The odor helps you detect a gas leak. However, the odor added to the gas can fade. Gas may be present even though no odor exists.

Make certain you read and understand all warnings. Keep this manual for reference. It is your guide to safe and proper operation of this log set.

⚠ WARNING: Any change to this log set or its controls can be dangerous.

⚠ WARNING: Do not use a blower insert, heat exchanger insert or other accessory not approved for use with this appliance.

⚠ WARNING: This appliance is equipped for natural gas. An optional propane/LP conversion kit model GA9200 must be installed for use with propane/LP gas.

⚠ WARNING: Do not allow fans to blow directly into the fireplace. Avoid any drafts that alter burner flame patterns.

⚠ WARNING: Installed decorative glass door enclosures must be fully opened when operating this gas appliance.

Due to high temperatures, the appliance should be located out of traffic and away from furniture and draperies.

Do not place clothing or other flammable material on or near the appliance. Never place any objects on the appliance.

Log set becomes very hot when in use. Keep children and adults away from hot surface to avoid burns or clothing ignition. Appliance will remain hot for a time after shutdown. Allow surface to cool before touching.

Carefully supervise young children when they are in the room with appliance.

You must operate this appliance with a fireplace screen in place. Make sure fireplace screen is closed before running appliance.

Keep the appliance area clear and free from combustible materials, gasoline and other flammable vapors and liquids.

SAFETY INFORMATION

Continued

1. If you smell gas
   - shut off gas supply
   - do not try to light any appliance
   - do not touch any electrical switch; do not use any phone in your building
   - immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions
   - if you cannot reach your gas supplier, call the fire department
2. Never install the log set
   - in a recreational vehicle
   - where curtains, furniture, clothing, or other flammable objects are less than 42 inches from the front, top, or sides of the log set
   - in high traffic areas
   - in windy or drafty areas
3. Before installing in a solid fuel burning fireplace, the chimney flue and firebox must be cleaned of soot, creosote, ashes and loose paint by a qualified chimney cleaner. Creosote will ignite if highly heated. Inspect chimney flue for damage. If damaged, repair flue before operating appliance.
4. This log set is designed to be smokeless. If logs ever appear to smoke, turn off appliance and call a qualified service person. *Note:* During initial operation, slight smoking could occur due to log curing and the burning of manufacturing residues. You may wish to add more ventilation by opening a window.
5. To reduce the creation of soot, follow the instructions in *Cleaning and Maintenance*, page 10.
6. The installation and provisions for combustion and ventilation air must conform with the *National Fuel Gas Code, ANSI Z233.1/NFPA 54, Section 5.3, Air for Combustion and Ventilation*.
7. Do not run log set
   - where flammable liquids or vapors are used or stored
   - under dusty conditions
8. Do not burn solid fuel in the fireplace after installing the log set. Do not use this log set to cook food or burn paper or other objects.
9. Do not use appliance if any part has been exposed to or under water. Immediately call a qualified service technician to inspect the room appliance and to replace any part of the control system (if using GA9200) and any gas control which has been under water.
10. To help prevent breakage, new logs must be broken-in (see *Curing Logs* page 9).
11. Turn log set off and let cool before servicing, installing, or repairing. Only a qualified service person should install, service, or repair log set.
12. Provide adequate clearances around air openings.

PRODUCT IDENTIFICATION

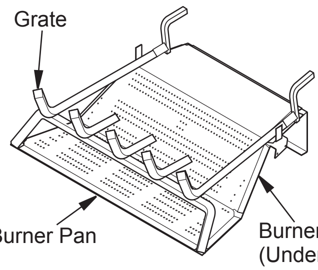


Figure 1 - Product Identification (Ramp Pan Burner)

Hearth Kit Model ____________________

Serial Number ______________________

Log Set Model ______________________

LOCAL CODES

Install and use log set with care. Follow all local codes. In the absence of local codes, use the latest edition of *The National Fuel Gas Code ANSI Z223.1/NFPA 54**.

*Available from:

American National Standards Institute, Inc.
1430 Broadway
New York, NY 10018

National Fire Protection Association, Inc.
Batterymarch Park
Quincy, MA 02269

UNPACKING

⚠ CAUTION: Do not remove the data plates from the burner pan. The data plates contain important safety and warranty information.

1. Remove logs, hearth kit, pan materials, and hardware from carton.
2. Remove all protective packaging applied to logs and base for shipment.
3. Check all items for any shipping damage. If damaged, promptly inform dealer where you bought the product.

INSTALLATION

WARNING: Before installing in a solid fuel burning fireplace, the chimney flue and firebox must be cleaned of soot, creosote, ashes and loose paint by a qualified chimney cleaner. Creosote will ignite if highly heated. A dirty chimney flue may create and distribute soot within the house. Inspect chimney flue for damage. If damaged, repair flue before operating appliance.

NOTICE: Installation, service, and repair of this appliance must be performed by a qualified installer, service agency, company or gas supplier experienced with this type of gas appliance. Only factory authorized components listed in these instructions may be used in accordance with the manufacturer's instructions and all codes and requirements of the authority having jurisdiction. Any modifications to this kit, or use of unauthorized components or accessory items will void the manufacturer's warranty, and may result in a hazardous condition.

FLUE OPENING SPECIFICATIONS

Note: This vented appliance must be installed only in a solid-fuel burning fireplace with a working flue and constructed of noncombustible material.

The charts in Figure 2 indicate technical information regarding the installation of your gas log set. Please make sure that all of the specifications shown are applicable before installation is attempted.

The fireplace must include a working flue and venting system with the minimum openings shown in the Figure 2.

Model	Burner Description	Btu Input Natural Gas	Minimum Vent Opening
SMS18	18" Ramp	60,000	8" dia.
SMS24	24" Ramp	80,000	8" dia.

MINIMUM FIREBOX SIZES				
MODEL	FRONT WIDTH	BACK WIDTH*	DEPTH	HEIGHT
SMS18	28"	18"	16"	18"
SMS24	32"	24"	16"	18"

*At depth indicated

FUEL INLET PRESSURE SPECIFICATIONS (W.C.)		
	Min.	Max.
NG	5.5"	10.5"
LP	11"	13"

BURNER ORIFICE		
LOG SIZE	NATURAL	
	IN.	NUM.
18"	.120	31
24"	.140	28

Figure 2 - Technical Information Charts

CHECK GAS TYPE

Use only natural gas. If your gas supply is not natural gas, you must install ON/OFF Safety Valve/Pilot Kit (see *Accessories*, page 13). Call dealer where you bought log set.

If the fireplace does not have a gas supply shutoff valve, one must be installed.

VENTING SPECIFICATIONS FOR INSTALLATION

The fireplace chimney flue and vent must be drafting properly. To check the vent for proper drafting: Light a tightly rolled newspaper on one end and place it at the inside front edge of the fireplace. Observe the smoke and be sure the vent is properly drawing it up the chimney. If the smoke spills out into the room, extinguish the flame and remove any obstruction until proper venting is achieved.

The chimney flue must remain open a minimum of 3" at all times during the operation of this log set.

INSTALLATION
Continued

INSTALLING DAMPER CLAMP

Secure the damper stop clamp provided to the leading edge of the damper as shown in Figure 3. If for any reason this clamp doesn't work on your fireplace, another suitable clamp or permanent stop must be installed, or the damper blade must be cut or removed.

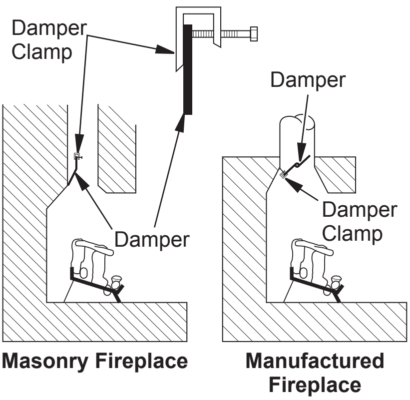


Figure 3 - Attaching Damper Clamp

CONNECTING TO GAS SUPPLY

> **⚠ WARNING: A qualified service person must connect log set to gas supply. Follow all local codes.**

Installation Items Needed

Before installing log set, make sure you have the items listed below.

- piping (check local codes)
- sealant (resistant to Propane/LP gas)
- equipment shutoff valve
- test gauge connection
- adjustable (crescent) wrench or pliers
- sediment trap
- tee joint
- pipe wrench

> **⚠ CAUTION: Use only new, black iron or steel pipe. Internally-tinned copper tubing may be used in certain areas. Check your local codes. Use pipe of 1/2" diameter or greater to allow proper gas volume to log set. If pipe is too small, undue loss of volume will occur.**

Installation must include an equipment shutoff valve, union, and plugged 1/8" NPT tap. Locate NPT tap within reach for test gauge hook up. NPT tap must be upstream from log set (see Figure 4).

IMPORTANT: Install equipment shutoff valve in an accessible location. The equipment shutoff valve is for turning on or shutting off the gas to the appliance.

Apply pipe joint sealant lightly to male NPT threads. This will prevent excess sealant from going into pipe. Excess sealant in pipe could result in a clogged burner injector.

> **⚠ WARNING: Use pipe joint sealant that is resistant to liquid petroleum (LP) gas.**

We recommend that you install a sediment trap in supply line as shown in Figure 4. Locate sediment trap where it is within reach for cleaning. Install in piping system between fuel supply and appliance. Locate sediment trap where trapped matter is not likely to freeze. A sediment trap traps moisture and contaminants. This keeps them from going into log set controls. If sediment trap is not installed or is installed wrong, log set may not run properly.

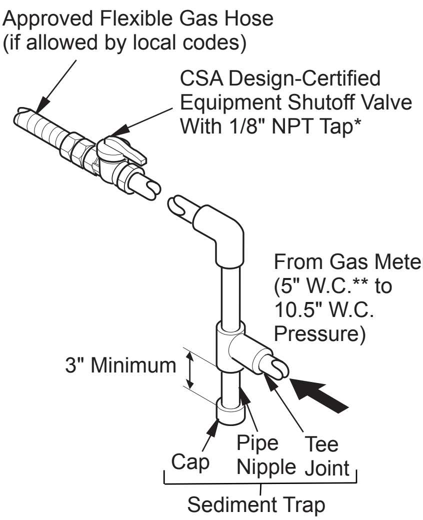


Figure 4 - Gas Connection

* Purchase the optional CSA design-certified equipment shutoff valve from your dealer. See *Accessories*, page 13.

** Minimum inlet pressure for purpose of input adjustment.

INSTALLATION
Continued

CHECKING GAS CONNECTIONS

⚠ WARNING: Test all gas piping and connections, internal and external to unit, for leaks after installing or servicing. Correct all leaks at once.

⚠ WARNING: Never use an open flame to check for a leak. Apply a noncorrosive leak detection fluid to all joints. Bubbles forming show a leak. Correct all leaks at once.

PRESSURE TESTING GAS SUPPLY PIPING SYSTEM

Test Pressures In Excess Of 1/2 PSIG (3.5 kPa)

1. Disconnect log set and its individual equipment shutoff valve from gas supply piping system.
2. Cap off open end of gas pipe where equipment shutoff valve was connected.
3. Pressurize supply piping system by either using compressed air or opening main gas valve located on or near gas meter.
4. Check all joints of gas supply piping system. Apply noncorrosive leak detection fluid to gas joints. Bubbles forming show a leak.
5. Correct all leaks at once.
6. Reconnect log set and equipment shutoff valve to gas supply. Check reconnected fittings for leaks.

Test Pressures Equal To or Less Than 1/2 PSIG (3.5 kPa)

1. Close equipment shutoff valve (see Figure 5).
2. Pressurize supply piping system by either using compressed air or opening main gas valve located on or near gas meter.

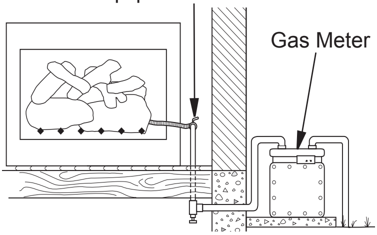


Figure 5 - Checking Gas Joints

3. Check all joints from gas meter to equipment shutoff valve (see Figure 5). Apply noncorrosive leak detection fluid to gas joints. Bubbles forming show a leak.
4. Correct all leaks at once.

HEARTH KIT ASSEMBLY AND INSTALLATION

Kit Assembly - Ramp Pan Burner

1. Determine which side the gas line feeds into the fireplace. This log set is factory set up for right side (facing) gas feed. If your gas line is on the right side, go to the *Installation and Gas Connection* section below. If your gas line is on the left side of the fireplace, proceed with steps 2 through 4 below. *Note:* Pilot kit can only be installed on the right (facing) side.
2. Remove the nuts securing the gas inlet venturi to the bottom of the burner (see Figure 6).
3. Remove the venturi from the pan taking care not to damage the gasket between the venturi and the pan.
4. Reverse the direction of the venturi and re-attach to the bottom of the pan using factory nuts.

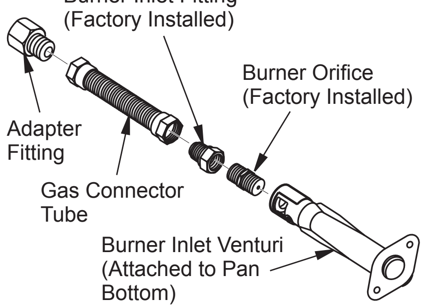


Figure 6 - Connecting Gas to Appliance

Installation and Gas Connection

1. Place the ramp burner assembly in the center of the fireplace floor. Make sure the front of pan faces forward.
2. Thread the gas supply fitting to the fireplace gas supply pipe. Use thread sealant.
3. Install the gas connector tube to the gas supply fitting. Carefully shape tube to attach to adapter fitting. Be careful not to cause kinks in tube.
4. Attach opposite end of gas connector tube to the gas inlet fitting on the end of the venturi.

INSTALLATION
Continued

OPTIONAL GA9200 SERIES ON/OFF SAFETY VALVE/PILOT KIT

For additional convenience and safety an optional ON/OFF safety valve/pilot kit is available. See *Accessories*, page 13.

Parts are available in this kit for propane/LP conversion. See kit instruction sheet for detailed installation instructions.

> **WARNING: You must use an ON/OFF safety valve/pilot kit for propane/LP conversion.**

TESTING BURNER FOR LEAKS

1. Generously apply noncorrosive leak detection fluid to all connections.

> **WARNING: Never check for gas leaks with open flame.**

2. Light the burner with the shutoff valve no more than half open and holding a match slightly in front of the pan (see *Lighting Instructions*, page 9).
3. Inspect all connections for bubbles, raw gas odor, or flame from any area other than the burner (leaks). If leaks are detected, shut off the gas valve immediately. Tighten, or reassemble the loose connection(s) using pipe joint compound until burner system is leak free.
4. When the burner is tested and leak free, observe the individual tongues of flame on the burner. Make sure that all ports are clear and producing flame evenly across the burner. If any ports appear blocked, clear them by removing the burner manifold and reaming the ports with a modified paper clip or other suitable tool.
5. When finished testing, turn the gas shutoff valve OFF to extinguish all flames.

ADDING PAN MATERIAL

Open the bag of glowing embers and spread it evenly over the burner ramp.

INSTALLING THE GRATE AND LOGS

1. Slide grate steps onto the ends of the grate as shown in Figure 7.
2. Place the grate over the burner pan where the two outer horizontal supports on the grate fit into the two pan positioning tabs on the outer edges of the pan.
3. Place two front logs onto grate (see Figure 8).
4. Place back log on grate steps (see Figure 8).
5. Figure 8 and Figure 9 on page 9 show a recommended log arrangement, however you may arrange the logs as you wish. Leave as much open space as possible to minimize flame impingement and sooting. *Note:* Logs may chip if they are handled roughly or if hit together while being placed.
5. Place ember chunks onto bottom portion of ramp burner using Figure 9, page 9, as an example.

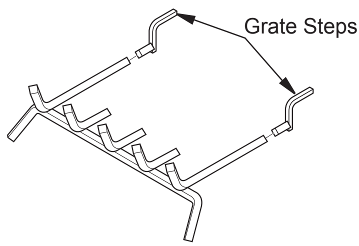


Figure 7 - Attaching Grate Steps

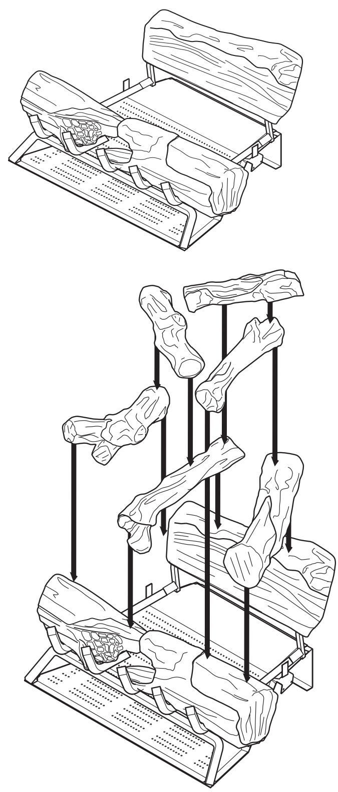


Figure 8 - Installing Logs

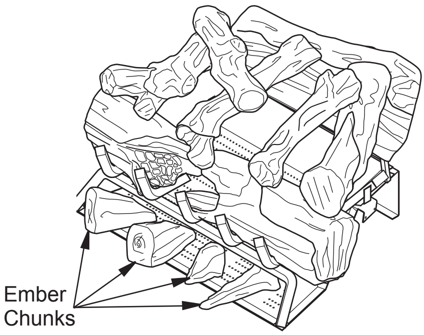


Figure 9 - Placement of Top Logs

OPERATING APPLIANCE

FOR YOUR SAFETY READ BEFORE LIGHTING

⚠ WARNING: Keep flue open when operating unit.

⚠ WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

BEFORE LIGHTING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS
- **Do not try to light any appliance.**
- **Do not touch any electric switch; do not use any phone in your building.**
- **Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**

LIGHTING INSTRUCTIONS

1. **STOP! Read the safety information on column 1.**
2. **Turn the gas shutoff valve to OFF.**
3. **Wait five (5) minutes to clear out any gas. If you then smell gas STOP! Follow the safety information column 1. If you don't smell gas, go on to the next step.**
4. **Light a match and lay it on top of the pan material about 2" from the end of the supply side of the pan**
5. **Slowly turn the gas shutoff valve ON until the burner ignites. If the burner doesn't ignite within 10 seconds with the match burning, turn the shutoff valve OFF and repeat steps 1 through 4 again.**

GAS SHUTOFF VALVE OPERATION

Flame Adjustment
Adjust the flame ON/OFF by turning the gas shutoff valve counterclockwise to open or clockwise to close, as necessary.

Shutting Off Appliance
Turn gas shutoff valve clockwise to the OFF position.

CURING LOGS

During the 2-3 hour appliance break-in period, you may detect an odor from the appliance as the various paints and compounds used in the manufacturing of this log set cure. This is a normal and temporary situation that is not cause for alarm. However, you may want to provide extra ventilation to the room during this time.

To ensure proper curing of the logs:
- **Ignite a 2" flame and maintain it for 1 hour.**
- **Burn the logs in consecutive 1 hour periods raising the flame an additional 2" to full flame height for a total of three hours.**

CLEANING AND MAINTENANCE

- Keep the area around the log set clean and clear of debris.
- Occasionally, you may use a soft bristle brush to clean logs.
- Once every year a qualified agency or certified chimney sweep should examine and clean the venting system of the fireplace.

SERVICE HINTS

When Gas Pressure is Too Low

- pilot will not stay lit
- burners will have delayed ignition
- appliance will not produce specified heat
- propane/LP gas supply may be low

You may feel your gas pressure is too low. If so, contact your local propane/LP or natural gas supplier.

TECHNICAL SERVICE

You may have further questions about installation, operation, or troubleshooting. If so, contact DESA's Technical Service Department at 1-866-672-6040. When calling please have your model and serial numbers of your appliance ready.

You can also visit DESA's technical services web site at **www.desatech.com**.

REPLACEMENT PARTS

Note: Use only original replacement parts. This will protect your warranty coverage for parts replaced under warranty.

PARTS UNDER WARRANTY

Contact authorized dealers of this product. If they can't supply original replacement part(s), call DESA's Technical Service Department at 1-866-672-6040. When calling DESA, have ready

- your name and address
- model and serial numbers of your log set
- how log set was malfunctioning
- type of gas used (propane/LP or natural gas)
- purchase date

Usually, we will ask you to return the part to the factory.

PARTS NOT UNDER WARRANTY

Contact authorized dealers of this product. If they can't supply original replacement part(s), call DESA at 1-866-672-6040 for referral information. When calling DESA, have ready

- model number of your log set
- the replacement part number

TROUBLESHOOTING

⚠ WARNING: Turn off log set and let cool before servicing. Only a qualified service person should service and repair log set.

Note: All troubleshooting items are listed in order of operation.

OBSERVED PROBLEM	POSSIBLE CAUSE	REMEDY
Log set is smoking/sooting excessively (*Note:* It is natural and unavoidable for vented gas log sets to produce moderate levels of carbon (soot) where flames contact the logs.)	1. Poor fuel quality	1. Contact local natural gas company
	2. Fireplace venting system not drafting properly	2. Adjust damper wide open and/or have fireplace and venting professionally cleaned and checked
	3. Excessive flame impingement or blockage	3. Separate the logs to allow more flame passage
	4. Improper fuel/air mixture	4. Remove any foreign items from the flame pattern and/or check for proper orifice sizing
	5. Excessive gas supply/pressure	5. Preheat flue in very cold weather
Burner is excessively noisy (*Note:* The movement and combustion of gas will create low, unavoidable levels of noise.)	1. Passage of air/gas across irregular surfaces	1. Relieve any tight bends or kinks in gas supply line
Burner flame is too low or too high	1. Incorrect gas supply or pressure	1. Check for proper gas supply pressure
	2. Blocked burner orifice or burner manifold ports	2. Free burner orifice and manifold ports of any burrs, paint, or other blockage
	3. Improper burner orifice size	3. Verify proper burner orifice sizing (see Figure 2, page 5)

TROUBLESHOOTING

Continued

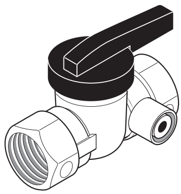
⚠ WARNING: If you smell gas
- **Shut off gas supply.**
- **Do not try to light any appliance.**
- **Do not touch any electrical switch; do not use any phone in your building.**
- **Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**

IMPORTANT: Operating log set where impurities in air exist may create odors. Cleaning supplies, paint, paint remover, cigarette smoke, cements and glues, new carpet or textiles, etc., create fumes. These fumes may mix with combustion air and create odors. These odors will disappear over time.

OBSERVED PROBLEM	POSSIBLE CAUSE	REMEDY
Log set produces a clicking/ticking noise just after burner is lit or shut off	1. Metal expanding while heating or contracting while cooling	1. This is common with most log sets. If noise is excessive, contact qualified service person
Log set produces unwanted odors	1. Log set burning vapors from paint, hair spray, glues, cleaners, chemicals, new carpet, etc. (See *IMPORTANT* statement above)	1. Open flue to maximum. Stop using odor causing products while log set is running
	2. Gas leak. See **Warning statement at top of page**	2. Locate and correct all leaks (see *Checking Gas Connections*, page 7)
Gas odor even when control knob is in OFF position	1. Gas leak. **See Warning statement at top of page**	1. Locate and correct all leaks (see *Checking Gas Connections*, page 7)
	2. Control valve defective	2. Replace control valve
Gas odor during combustion	1. Gas leak. **See Warning statement at top of page**	1. Locate and correct all leaks (see *Checking Gas Connections*, page 7)

ACCESSORIES

Purchase these log set accessories from your local dealer. If they can not supply these accessories, call DESA at 1-866-672-6040 for referral information. You can also write to the address listed on the back page of this manual.



EQUIPMENT SHUTOFF VALVE GA5010

For all models. Equipment shutoff valve with 1/8" NPT tap. Fits 1/2" NPT pipe.

INDIVIDUAL ROUND LOG - GA9450A (Not Shown)

For decorative purposes only. Not to be used as additional logs on unit.

INDIVIDUAL SPLIT LOG - GA9550A (Not Shown)

For decorative purposes only. Not to be used as additional logs on unit.

PINE CONES - GA9650A (Not Shown)

For all models. Use for additional decoration only. (3 pine cones per box).

ASH BED MATERIAL (VERMICULITE) - GA9750A (Not Shown)

For all models. Use for firebox decoration only.

GLOWING EMBERS - GA9950A (Not Shown)

For all models. Use for firebox decoration only.

SILICA SAND - GA9850A (Not Shown)

For all models. Use for firebox decoration only.

LAVA ROCK - GA6067A (Not Shown)

For all models. Use for firebox decoration only.

DECORATIVE ASH BED CONTROL COVER CDABKA (Not Shown)

An attractive way to cover control knob and piezo ignitor.

18" ORNAMENTAL GRATE ENHANCER - GA9350A (Not Shown)

For 18" models only. Additional decoration for front grate.

24" ORNAMENTAL GRATE ENHANCER - GA9360A (Not Shown)

For 24" models only. Additional decoration for front grate.

FIRE CRACKLE - CF6-A (Not Shown)

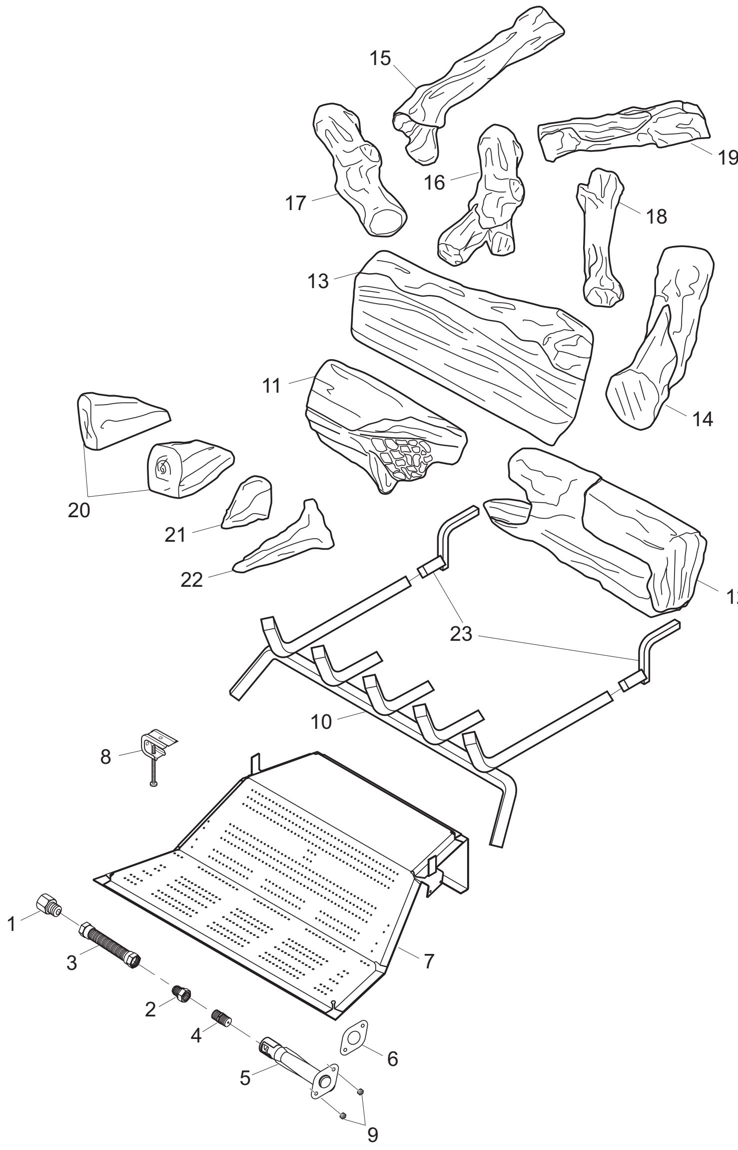
For all models. Creates the sound of a real burning fire.

MANUAL CONTROL ON/OFF SAFETY VALVE/PILOT KIT - GA9200 (Not Shown)

For all models. Contains components for propane/LP conversion.

ILLUSTRATED PARTS BREAKDOWN

MODELS SMS18 AND SMS24



PARTS LIST

This list contains replaceable parts used in your log set. When ordering parts, follow the instructions listed under *Replacement Parts* on page 10 of this manual.

KEY NO.	PART NUMBER		DESCRIPTION	QTY.
	SMS18	SMS24		
1	901056-01	901056-01	3/8 FLR x 1/2 FPT Adapter	1
2	901059-01	901059-01	3/8 FLR x 3/8 FPT Adapter	1
3	101628-01	101628-01	Gas Line - 10" Flex	1
4	104506-27	104506-28	Natural Gas Injector	1
5	14538	14538	Venturi	1
6	14527	14527	Venturi Gasket	1
7	115482-01	115482-02	Burner Pan	1
8	901242-01	901242-01	Damper Clamp - Std. Assy	1
9	11209	11209	Nut #10/24	2
10	117244-01	117244-02	Log Grate	1
11	117250-01	117251-01	Front Bottom Left Log	1
12	117250-02	117251-02	Front Bottom Right Log	1
13	901111-01	901111-02	Back Log	1
14	901101-01	901101-01	Middle Right Log	1
15	—	901094-01	Middle Center Log	1
16	111502-07	111502-07	Middle Left Log	1
17	901778-01	901778-01	Top Left Log	1
18	901120-01	901120-01	Top Right Log	1
19	901118-01	901118-01	Top Rear Log	1
20	112363-03	112363-03	Ember Chunk	2
21	112363-05	111961-05	Ember Chunk	1
22	112363-06	112363-06	Ember Chunk	1
23	117248-01	117248-01	Steel Grate Step	2
PARTS AVAILABLE — NOT SHOWN				
	901156-01	901156-01	.125# Bag Embers	2
	901157-02	901157-02	Lava Cinders	1

WARRANTY INFORMATION

KEEP THIS WARRANTY

Model ______________________________

Serial No. ______________________________

Date Purchased ______________________________

Always specify model and serial numbers when communicating with the factory.

We reserve the right to amend these specifications at any time without notice. The only warranty applicable is our standard written warranty. We make no other warranty, expressed or implied.

LIMITED LIFETIME WARRANTY - VENTED GAS LOGS

DESA warrants this product to be free from defects in materials and components of the burner system for two (2) years and a lifetime on logs from the date of first purchase, provided that the product has been properly installed, operated and maintained in accordance with all applicable instructions. To make a claim under this warranty the Bill of Sale or cancelled check must be presented.

This warranty is extended only to the original retail purchaser. This warranty covers the cost of part(s) required to restore this log set to proper operating condition and an allowance for labor when provided by a DESA Authorized Service Center. Warranty part(s) MUST be obtained through authorized dealers of this product and/or DESA who will provide original factory replacement parts. Failure to use original factory replacement parts voids this warranty. The log set MUST be installed by a qualified installer in accordance with all local codes and instructions furnished with the unit.

This warranty does not apply to parts that are not in original condition because of normal wear and tear, or parts that fail or become damaged as a result of misuse, accidents, lack of proper maintenance or defects caused by improper installation. Travel, diagnostic cost, labor, transportation and any and all such other costs related to repairing a defective log set will be the responsibility of the owner.

TO THE FULL EXTENT ALLOWED BY THE LAW OF THE JURISDICTION THAT GOVERNS THE SALE OF THE PRODUCT; THIS EXPRESS WARRANTY EXCLUDES ANY AND ALL OTHER EXPRESSED WARRANTIES AND LIMITS THE DURATION OF ANY AND ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE TO TWO (2) YEARS ON BURNER SYSTEM AND A LIFETIME ON LOGS FROM THE DATE OF FIRST PURCHASE; AND DESA'S LIABILITY IS HEREBY LIMITED TO THE PURCHASE PRICE OF THE PRODUCT AND DESA SHALL NOT BE LIABLE FOR ANY OTHER DAMAGES WHATSOEVER INCLUDING INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states do not allow a limitation on how long an implied warranty lasts or an exclusion or limitation of incidental or consequential damages, so the above limitation on implied warranties, or exclusion or limitation on damages may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

For information about this warranty write:

DESA™

2701 Industrial Drive
P.O. Box 90004
Bowling Green, KY 42102-9004
www.desatech.com

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NOT A UPC

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Rev. B
07/05